



Repeater: NØDX 145.190 MHz (Input 144.590 / Tone 192.8 Hz)


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The Eastern Iowa DX Bulletin

Number 223, May 24, 2024

Craig Fastenow, KØCF, Editor

This bulletin is a compilation of **currently active** DX operations (or those that will become active within the current week) from recent issues of the three DX bulletins listed below and other sources. Credit for the source is given at the end of each article.

Articles are ordered by the entity's callsign prefix from the *ARRL DXCC Entities List*. Callsigns used are in **bold** with dates of operation highlighted in **red**. Clickable links are provided for QSL and other information wherever possible. Note that articles may be edited for grammar, language, style and accuracy and will remain in *The Bulletin* while active; articles that are announcements of ongoing operations, or that have no specified end date, will be removed after three weeks.

Also included is a [Propagation](#) section, updated daily; and a [Contest Calendar](#) of upcoming popular contests.

DX News items are courtesy of:

The ARRL DX Bulletin

The bulletin is available at <http://www.arrl.org>

425 DX News, A.R.I. DX Bulletin (425DXN)

Edited by Mauro Pregliasco, I1JQJ & Valeria Pregliasco, IK1ADH

425 DX News Home Page: <https://www.425dxn.org/>

425 DX News Google Group: <https://groups.google.com/g/425eng>

DX Newsletter (DXNL)

Edited by Andreas Salder, DK5ON

A weekly service of DARC Committee "DX", <http://www.darcdxhf.de>

Propagation data is from:

National Oceanic and Atmospheric Administration's

[Space Weather Prediction Center](#)

Dr. Tony Phillips' SpaceWeather.com, used by permission

Contest data courtesy of the [WA7BNM Contest Calendar](#)



Solar-Terrestrial Data

25 May 2024 1713 GMT
 SFI: 163 SN: 74
 A-Index: 9
 K-Index: 1
 X-Ray: C1.1
 304A: 150.3 @ SEM
 Ptn Flx: 134
 Elc Flx: 2520
 Aurora: 4/n=1.99
 Mag (Bz): -2.8
 Solar Wind: 414.8
 Geomag Field VR QUIET
 Sig Noise Lvl S0-S1
 Current Solar Image



<http://www.norbh.com>
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DX News

4X, ISRAEL. Team **4X2DS** will be active from the shores of the Dead Sea, the lowest land-based elevation on Earth (440 meters below sea level), from **May 30th to June 3rd**. A certificate will be available, see <https://www.qrz.com/db/4X2DS> for more information. QSL via LoTW, eQSL, or via [4Z5TT](#).

-[425DXN # 1724 May 18, 2024] (0524-0607)

8P, BARBADOS. Chris, WA7RAR, will be active as **8P9CB** from **May 14th to 26th** on 20-10m (CW, SSB). QSL via [WA7RAR](#).

-[DXNL # 2405 May 8, 2024] (0510-0531)

8Q, MALDIVES. Rolf, DO4RKR will be active as **8Q7KR** from the Maldives (AS-013) on **May 19th-31st**. He will run 30 watts and operate SSB on 10 meters only. QSL via [DO4RKR](#).

-[425DXN # 1723 May 11, 2024] (0517-0531)

9H, MALTA. Henning, OZ2I will be active as **9H6EE** from Malta (EU-023) on **May 24th-29th**. He will operate CW only and will participate in the CQ WW WPX CW Contest (May 25-26). QSL via [ClubLog's OQRS](#) (preferred), or via [OZ2I](#).

-[425DXN # 1725 May 25, 2024] (0524-0531)

9H, MALTA. Special callsign **9H6HE** is being used by the Malta Amateur Radio League (9H1MRL) to celebrate the swearing in of Dr. Myriam Spiteri Debono as Malta's 11th President. Look for activity from **April 15th to May 31st**, on 40, 20, 15 and 10 meters SSB, CW and digital modes. Paper QSL cards will not be available; QSL via LoTW.

-[425DXN # 1720 April 20, 2024] (0419-0531)

C9, MOZAMBIQUE. Bill, **C91CCY** has been active using SSB on 80 meters around 0400z, and 40 meters around 0430z. QSL via [K3IRV](#).

-[ARRL DX Bulletin # 19 May 9, 2024] (0510-0531)

CT, PORTUGAL. Members of the Portuguese DX Group are QRV with special call sign **CS2GPDX** during **May** to celebrate the group's 30th anniversary. Awards are available, see: <http://gpdx.netpower.pt/>. QSL via bureau.

-[ARRL DX Bulletin # 18 May 2, 2024] (0503-0531)

CT3, MADEIRA IS. Members of the Portuguese DX Group are QRV with special call sign **CR3GPDX** during **May** to celebrate the group's 30th anniversary. Awards are available, see: <http://gpdx.netpower.pt/>. QSL via bureau.

-[ARRL DX Bulletin # 18 May 2, 2024] (0503-0531)

CU, AZORES. Members of the Portuguese DX Group are QRV with special call sign **CR2GPDX** during **May** to celebrate the group's 30th anniversary. Awards are available, see: <http://gpdx.netpower.pt/>. QSL via bureau.

-[ARRL DX Bulletin # 18 May 2, 2024] (0503-0531)

DL, GERMANY. The Berlin Airlift was an operation that carried supplies by plane to the Allied sectors of West Berlin over a Russian blockade. For more than a year, hundreds of American, British and French cargo planes ferried provisions to West Berlin's Tempelhof, Gatow and Tegel airfields. Commemorating the 75th anniversary of the end of the Berlin Airlift, three special event stations will be active from **May 12th until June 24th**: **DLØGWW** for Gatow, **DLØTXL** for Tegel, and **DLØTHF** for Tempelhof. An award will be available: <https://ham-awards.de/index.php/75luft/>. An operating schedule is available here: <https://www.darc.de/der-club/distrikte/ortsverbaende/33/75luft/>. Paper QSL cards will not be provided; QSL via LoTW, QRZ Logbook, and the DARC Community Logbook.

-[425DXN # 1724 May 18, 2024] (0517-0628)

DXCC TOP TWENTY. Here are the top 20 entities on ClubLog's "DXCC Most Wanted" list as of May 24, 2024:

| | | | |
|----------|--------------------|----------|----------------------------------|
| 1. P5 | DPRK (North Korea) | 11. 3Y/B | Bouvet Island |
| 2. BS7H | Scarborough Reef | 12. ZS8 | Prince Edward & Marion Islands |
| 3. CEØX | San Felix Islands | 13. KH4 | Midway Island |
| 4. BV9P | Pratas Island | 14. VKØM | Macquarie Island |
| 5. KH7K | Kure Island | 15. PYØS | Saint Peter And Paul Rocks |
| 6. KH3 | Johnston Island | 16. KP5 | Desecheo Island |
| 7. FT/G | Glorioso Island | 17. VPØS | South Sandwich Islands |
| 8. 3Y/P | Peter 1 Island | 18. KH5 | Palmyra & Jarvis Islands |
| 9. FT5/X | Kerguelen Island | 19. ZL9 | New Zealand Subantarctic Islands |
| 10. YVØ | Aves Island | 20. FK/C | Chesterfield Islands |

For the complete list, see <https://clublog.org/mostwanted.php>

-[KØCF May 24, 2024] (0524-0607)

EA, SPAIN. Plans are for team **EG5MI** to reach Penyet del Moro (EU-151) on **May 24th** in the afternoon. They will place a wooden platform on the rocks, followed by a first station (15m CW) and hopefully a second station (20m FT8 around 14087 kHz). They will QRT soon after sunset (1915 UTC). **On May 25th**, soon after sunrise (0441 UTC), they will return to the islet and, if the platform is still there - they will set up the CW station (first on 17m and later QSY to 12m) and hopefully the FT8 station (first

on 20m and later on 15m around 21087 kHz). EG5MI will operate also SSB, "bands and times will be decided on the spot". They will QRT when the batteries die, possibly by 1100 UTC. A "less optimistic scenario" involves activating only one station at a time, having to choose the mode subject to best rates. "The good news is that in such case our time on air would be longer", EA3NT says. Check out <https://www.youtube.com/@EA3NT> for live coverage of the sailing, the landing and the set up on the islet, and probably even the first QSOs being worked. QSL via [EA5GL](#).
-[425DXN # 1725 May 25, 2024] (0524-0531)

EA8, CANARY IS. Members of the Union de Radioaficionados Valle de Guimar (EA8URU) will operate special event station **AN42CA** on **May 30th**. Look for activity on 40-10 meters CW, SSB and FT4. The special call sign celebrates the 42nd anniversary since the establishment of the autonomous community of the Canary Islands (August 10, 1982), as well as the anniversary of the local Parliament's first session (May 30, 1983). QSL via [ClubLog's QQRS](#) and LoTW.
-[425DXN # 1725 May 25, 2024] (0524-0531)

EI, IRELAND. Special event station **EI8OMB** remains active **until the end of May** from the National Maritime Museum, commemorating the rescue of 169 German sailors by the MV Kerlogue after a battle in the Bay of Biscay. QSL via [EI6AL](#), [ClubLog's QQRS](#).
-[DXNL # 2404 May 1, 2024] (0503-0531)

ET, ETHIOPIA. Ken, K4ZW, has returned to Addis Abeba and will be active as **ET3AA**. He hopes to eliminate some HF noise sources and set up a new PC at the station as well. QSL via [N2OO](#).
-[DXNL # 2406 May 15, 2024] (0517-0607)

F, FRANCE. Commemorating the 80th anniversary of the D-Day landings, members of the Union des Radioclubs (URC) will be active as **TM8ØD** from **May 23rd to June 6th**, including an entry in the CQ WW WPX CW Contest (May 25th-26th). See <https://log-et-qsl.associations-radioamateurs.org/wp/> for eQSLs.
-[425DXN # 1725 May 25, 2024] (0524-0607)

F, FRANCE. Members of the Radio Pole Associatif REF-40 (F4KLM) will be active as **TM4ØFLO** from **May 21st to June 4th** as the Paris 2024 Olympic Torch Relay passes through the French Department of Landes. QSL via [F4KLM](#).
-[425DXN # 1725 May 25, 2024] (0524-0607)

F, FRANCE. Team **TM5FI** (F5AUB, F5BTH, F5OYM, F5SDD, F5XX, F6HKS, F6ITD and possibly a few others) will be active from Ratonneau Island (EU-095) on **May 24th-29th**. They will operate CW, SSB, FT4 and FT8 with four stations. QSL via [F5XX](#) or operator's instructions.
-[425DXN # 1723 May 11, 2024] (0524-0531)

F, FRANCE. Members of the Association des Radioamateurs de l'Indre will be active as **TM36JO** on **May 27th**, as the Paris 2024 Olympic Torch Relay passes through their Department, and again from **July 29th to August 11th** during the Olympic Games. QSL via the bureau, or direct to [F5OHM](#).
-[425DXN # 1724 May 18, 2024] (0524-0531)

F, FRANCE. Special event station **TM85JO** operates around the Olympic Torch stages from **May 8th to 12th**, **June 8th to 9th**, **June 21st to 23rd**, **July 12th to 14th**, and on **July 26th**. QSL via bureau.
-[DXNL # 2405 May 8, 2024] (0510-0726)

F, FRANCE. Special call sign **TM86JO** will be used on **May 19th-26th** as the Paris 2024 Olympic Torch Relay passes through the French Department of Vienne, and again on **August 5th-11th** during the Olympic Games.
-[425DXN # 1723 May 11, 2024] (0517-0531)

FT/G, GLORIOSO IS. Marek, FH4VVK will be active as **FT4GL** from Grande Glorieuse, Glorioso Islands (AF-011) from **May 24th to June 19th**. The most recent activity from the islands dates back to 2009 (FT5GA), and the Glorieuses are currently ranked 8th on ClubLog's DXCC Most Wanted List. This one-man operation will be carried out in parallel with Marek's professional activities. He hopes to be QRV daily with two stations at the same time - one on FT8 and one on SSB or RTTY (he lacks sufficient knowledge of CW to manage a huge pile-up). There will be no activity on 6 meters, EME, or

via satellite. QSOs will be uploaded to ClubLog on a daily basis; access to the Internet will be available for two hours a day, from 1800 to 2000 local time. Bookmark <https://ft4gl.blogspot.com/> and <https://www.facebook.com/61557262192352> for more information and updates. full LoTW upload will follow six months after the end of the DXpedition. QSL via [F4FTV](#).
-[425DXN # 1716 March 23, 2024] (0524-0621)

FY, FRENCH GUIANA. Operators at club station FY5KE are QRV as **TO6ØCSG** each weekend in April, May, and June to celebrate the 60th anniversary of the Guiana Space Centre. See detailed information at [TO6ØCSG](#). QSL direct to [FY5KE](#).
-[ARRL DX Bulletin # 14 April 4, 2024] (0405-0628)

G, ENGLAND. Special event station **GB6WW** will be active from **May 1st to 28th**, commemorating the end of World War II. An award is also available for contacts with GB6WW on 3 bands. QSL via [MMØDFV](#).
-[DXNL # 2404 May 1, 2024] (0503-0531)

G, ENGLAND. Joining Guglielmo Marconi's 150th anniversary celebrations, the Cornish Radio Amateur Club (GX4CRC) will be active as **GB15ØGM** from **April 27th until July 27th**. This activity participates in the "Marconi 150 Award", organized by the Associazione Radioamatori Italiani (ARI) and the Coordinamento Stazioni Marconiane Italiane (CSMI) under the patronage of the Guglielmo Marconi Foundation. See IR2GMCL below. QSL via eQSL.
-[425DXN # 1720 April 20, 2024] (0426-0726)

GI, NORTHERN IRELAND. Once again the North West Group ARC (MNØNWG) is running special event station **GBØAEL** from **May 5th to 31st** to commemorate the anniversary of Amelia Earhart's transatlantic flight. On May 20-21, 1932, Earhart became the first woman to fly nonstop and alone across the Atlantic, leaving Harbor Grace on Newfoundland (Canada), and landing 15 hours later near Londonderry (Northern Ireland). QSL via [MIØHOZ](#).
-[425DXN # 1722 May 4, 2024] (0503-0531)

HS, THAILAND. Brad, VK2BY, operates as **HSØZNR** from **May 24th to June 13th**. QSL via [VK2BY](#).
-[DXNL # 2407 May 22, 2024] (0524-0614)

I, ITALY. Joe, **IT9BLB** and Giuseppe, **IT9VDQ** will be active from Pantelleria Island (IH9, AF-018) during the CQ WW WPX CW Contest (**May 25th-26th**). Other commitments and the short length of stay will allow for at most a pair of barefoot SOSB entries with a minimalist set up.
-[425DXN # 1725 May 25, 2024] (0524-0531)

I, ITALY. Members of ARI La Spezia (IK1WVR, IK1XVA, IU1IEK, IU1QQZ, IZ1JLS, IZ1OSS and IZ5ZCT) will be active **on May 26th** as **IQ1SP** from their own Radio and Telecommunications Museum, and as **IQ1SP/IP1** from Palmaria Island (not IOTA). Plans are to be QRV on the HF bands, as well as on VHF and UHF, indicatively from 1100 to 1900 UTC. In 1898, following Marconi's successful experiments in the Gulf of La Spezia, the first two-way radio-telegraph station in Italy was installed and commissioned on the island of Palmaria. QSL via the bureau.
-[425DXN # 1725 May 25, 2024] (0524-0531)

I, ITALY. Participating in the Museum Ships Weekend (**June 1st-2nd**), members of ARI Genova (IQ1GE) will operate special event station **II1NS** from the "Nazario Sauro", a submarine formerly in service with the Italian Navy, and now moored at the Galata Maritime Museum. QSL via eQSL, bureau or direct.
-[425DXN # 1725 May 25, 2024] (0531-0607)

I, ITALY. Members of ARI Trapani (IQ9TP) will be active as **II9IKF** on **May 20th-26th** for the 16th edition of the International Kite Festival at San Vito Lo Capo. QSL via the bureau, LoTW and eQSL.
-[425DXN # 1724 May 18, 2024] (0517-0531)

I, ITALY. The United Nations Global Service Centre ARC (4U1GSC) in Brindisi is active as **4U29MAY** **until May 31st**. The special callsign promotes the International Day of UN Peacekeepers (May 29th). DXCC wise, it counts for Italy. QSL via [9A2AA](#).
-[425DXN # 1722 May 4, 2024] (0503-0531)

I, ITALY. Commemorating the 150th anniversary of the birth of Guglielmo Marconi, members of ARI's Board of Directors will be active as **IR2GMCL** from **April 28th to July 27th** during the "Marconi 150 Award". See <https://www.qrz.com/db/IR2GMCL> for the rules. Paper QSL cards will not be provided; electronic QSLs may be downloaded from the HamAward platform.
-[425DXN # 1720 April 20, 2024] (0426-0726)

I, ITALY. Members of ARI Venezia (IQ3VE) will be active as **IR3POLO** from **April 1st to June 30th**. The special callsign commemorates the 700th anniversary since the death of Marco Polo, the Venetian merchant and explorer who travelled through Asia along the Silk Road (1271-1295). All QSOs will be confirmed automatically via the bureau.
-[425DXN # 1716 March 23, 2024] (0329-0628)

JA, JAPAN. Take, JI3DST will be active again from the Miyako Islands (AS-079) from **April 24th to June 26th**. Callsigns to be used are **JS6RRR**, **JS6RRR/6**, **JI3DST/6**, **JJ5RBH/6** and **JR8YLY/6** on SSB and CW, as well as **JS6RRR/p**, **JI3DST/p**, **JJ5RBH/p** and **JR8YLY/p** on FT8/FT4. QSOs will be made available for ClubLog and LoTW Matching on the IOTA website.
-[425DXN # 1720 April 20, 2024] (0419-0628)

JD1/O, OGASAWARA. Tosy, JA6VZB will be active as **JD1BQW** from Chichijima (AS-031), Ogasawara from **May 22nd to June 5th**, including entries in the CQ WW WPX CW Contest (May 25th-26th) and the ARRL Digital Contest (June 1st-2nd). He plans to concentrate on 12 and 6 meters FT8 before and after the contests. QSL via LoTW, eQSL, [ClubLog's OQRS](#), or via the bureau to [JA6VZB](#).
-[425DXN # 1723 May 11, 2024] (0517-0607)

K, UNITED STATES. Matt, AF2F plans to be active as **K4H** from Hatteras Island (NA-067) from **May 25th to June 2nd**. He plans to focus on 6 meters in anticipation of some good DX openings, otherwise he will be on the HF bands mostly CW. QSL via [ClubLog's OQRS](#).
-[425DXN # 1725 May 25, 2024] (0524-0607)

LA, NORWAY. Michael, DF8AN, operates from Vestvagoy Island (EU-076) as **LA/DF8AN** from **May 17th to 25th**. QSL via [DF8AN](#).
-[DXNL # 2407 May 22, 2024] (0524-0531)

LA, NORWAY. Michael, DF8AN, activates Hinnoya I. (EU-033) as **LA/DF8AN** on **May 25th and 26th**. QSL via [DF8AN](#).
-[DXNL # 2407 May 22, 2024] (0524-0531)

LU, ARGENTINA. On May 22, 1924, Ivan O'Meara (2AC) in Gisborne, New Zealand made the first trans-Pacific contact with Carlos Braggio (CB8) near Buenos Aires, setting a world record distance. To celebrate the centenary of this DX milestone, amateur radio operators from Argentina are allowed to replace their normal prefix from **0300 UTC on May 20th until 0300 UTC on May 27th**: LU stations can use LT, LW stations can use LR, club stations can use LS, and "other institutions" can use AY.
-[425DXN # 1725 May 25, 2024] (0524-0531)

OHØ, ALAND IS. Arnold, DK1VK will be active as **OHØ/DK1VK** from Jomala, Aland Islands (EU-002) on **May 24th-26th**. He will operate SSB on 40, 20, 17, 15 and 10 meters. QSL via [DK1VK](#).
-[425DXN # 1723 May 11, 2024] (0524-0531)

ON, BELGIUM. The special event station **OR9ØAR** will be active **during May**, commemorating the death of Albert I of Belgium 90 years ago. QSL via bureau.
-[DXNL # 2404 May 1, 2024] (0503-0531)

ON, BELGIUM. Members of Club Radio Durnal (ON4CRD) will be active as **OR9ØAL** on **May 1st-31st**. The special callsign marks 90 years since the death of Albert I, King of the Belgians, who died in a mountaineering accident at the age of 58. QSL via the bureau.
-[425DXN # 1721 April 27, 2024] (0426-0531)

PY, BRAZIL. Gus, PT2ADM is QRV as **ZW3ØAS** until **May 31st**. Look for activity on 80-6 meters digital and SSB. This special callsign honors Ayrton Senna, the Brazilian Formula 1 driver, on the 30th

anniversary of his death during the 1994 San Marino Grand Prix. QSL via LoTW, or via [PT2ADM](#).
-[425DXN # 1722 May 4, 2024] (0503-0531)

SV5, DODECANESE. The Radio Amateur Association of Dodecanese (SZ5RDS) will be hosting the team of Radio Arcala (OH8X) "to enhance their mutual interest in Amateur Radio". The RAAD team (SV5AZP, SV5FRV and SV5FRD) and the Radio Arcala team (OH2BH, OH8NC, OH2GEK and OH2BE) will activate the special callsign **5X5R** from Rhodes during the CQ WW WPX CW Contest (**May 25th-26th**). After the contest Martti will be active as **SV5/OH2BH** mostly on 17 and 12 meters. QSL via [OH2BH](#).

-[425DXN # 1725 May 25, 2024] (0524-0531)

SV9, CRETE. Erwin, DK5EW (<https://dk5ew.com/>) will be active as **SV8/DK5EW** from Crete Island (EU-015) from **May 30th to June 20th**. He will be QRV on 6 and 4 meters only from grid locators KM35 (May 30th - June 5th) and KM15 (June 8th-20th). QSL via LoTW, eQSL, or direct to [DK5EW](#).

-[425DXN # 1725 May 25, 2024] (0524-0621)

T5, SOMALIA. Alex, IT9HRK is QRV as **T5/IT9HRK** from Mogadishu. Activity is in his spare time on 80 to 10 meters using mainly SSB, with some CW, RTTY, FT8, and FT4. He is here for several months. QSL via [IU5RPJ](#).

-[ARRL DX Bulletin # 19 May 9, 2024] (0510-0531)

TR, GABON. Roland, F8EN will be active again as **TR8CR** from Gabon from **May 15th until the end of June** (maybe longer). He will operate CW only and will celebrate his 96th birthday while there. Log search on <http://LesNouvellesDX.fr/voirlogs.php>. QSL via [F6AJA](#).

-[425DXN # 1723 May 11, 2024] (0510-0628)

V4, ST. KITTS & NEVIS. Once again John, W5JON will be active as **V47JA** from St. Kitts (NA-104) from **May 28th to June 13th**. He will operate SSB and FT8 on the HF bands and 6 meters. QSL via LoTW, or direct only to [W5JON](#).

-[425DXN # 1725 May 25, 2024] (0524-0614)

VE, CANADA. Pierre, VE3KTB, stays at the Canadian Arctic Base on Victoria Island (NA-006) from **May 23rd to 28th** and plans to operate as **VE3KTB/VYØ** during his spare time on 20-10m (CW, SSB, maybe FT8). QSL via [MØOXO's OQRS](#).

-[DXNL # 2407 May 22, 2024] (0524-0531)

VP2V, BRITISH VIRGIN IS. Jonathan, **VP2V/W5GI**, will be active on **May 22nd to June 3rd** from Anegada Island (NA-023). QRV mostly on 20-10m on SSB. QSL via LoTW or qrz.com.

-[DXNL # 2407 May 22, 2024] (0524-0607)

VP9, BERMUDA. Darrell, AB2E will be active as **AB2E/VP9** from Bermuda (NA-005) on **May 23rd-27th**, including an entry in the CQ WW WPX CW Contest (May 25th-26th) as VP9I. Outside the contest he will operate mainly CW on 30, 17 and 12 meters, with some FT8 on the low bands. QSL AB2E/VP9 via LoTW, or direct to [AB2E](#). QSL VP9I via [WW3S](#).

-[425DXN # 1723 May 11, 2024] (0517-0531)

VU, INDIA. A number of special event stations will be active from Kargil, in the Indian Himalayan Region, to celebrate the 25th Kargil Vijay Diwas (Kargil Victory Day):

| | | |
|--------------------------|----------------|--------------------------------|
| May 26th-30th | AT25KVG | QSL via VU2IRD |
| May 30th-June 3rd | AU25KVD | QSL via VU2XFD |
| June 3rd-7th | AT25KVE | QSL via VU2URC |
| June 10th-14th | AT25KAR | QSL via VU2FI |
| June 25th-30th | AT25KVF | QSL via the bureau |

-[425DXN # 1725 May 25, 2024] (0524-0629)

VU, INDIA. Jose, VU2JOS, operates around the World Communications Day with the callsign **AU5J** until **June 30th**. QSL via [VU2JOS](#).

-[DXNL # 2407 May 22, 2024] (0524-0628)

VU7, LAKSHADWEEP IS. Santhilal, VU3OQK, reports that he is planning to be active as **VU7LAL** from Lakshadweep Islands (Agatti & Kavarathi) towards the **end of April until May 31st**. He will be on

40, 20 and 10 meters from both islands. QSL via [VU3OQK](#).

-[Tnx KØJGH April 13, 2024] (0426-0531)

XW, LAOS. Vincent, **XW4KV** is QRV from Vang Vieng until June 1st. Lately he has been active on 15 meters using FT8 around 1100z. QSL via [F4BKV](#).

-[ARRL DX Bulletin # 12 March 21, 2024] (0322-0531)

YB, INDONESIA. The amateur radio club Orari Daerah Kepulauan Bangka Belitung is going to activate its club callsign **7B4K** from Ketawai Island (OC-144) from May 24th to 26th.

-[DXNL # 2407 May 22, 2024] (0524-0531)

YO, ROMANIA. Celebrating the 95th anniversary of the first amateur radio association in Romania's Arad County, special callsigns **YR95AR**, **YR95CC**, **YR95CH**, **YR95IN**, **YR95LI**, **YR95PE** and **YR95SE** will be active from February 16th until May 31st. The event is being organized by C.S. Radioclub Admira (YO2KBQ), the successor of the club that was established almost a century ago. See <https://www.qrz.com/db/YR95AR> for more information.

-[425DXN # 1711 February 17, 2024] (0216-0531)

YU, SERBIA. Celebrating the 100th anniversary of Radio Beograd (October 1, 1924) members of the Belgrade Amateur Radio Club (YU1ANO) will be active as **YT1ØØRB** and **YU1924RB** until November 30th. A certificate will be available, see <https://yu1ano.org/> for the details.

-[425DXN # 1725 May 25, 2024] (0524-0614)

Z8, SOUTH SUDAN. Diya, **Z81D**, has set up all his antennas at his new location and is back on 80-10m (SSB, FT8). QSL via [OM3JW](#) OQRS, LoTW, eQSL.

-[DXNL # 2406 May 15, 2024] (0517-0607)

ZC4, UK SOVEREIGN BASE AREAS ON CYPRUS. Martin, **MWØBRO**, will be active from Dhekelia as **ZC4GW** from May 17th to 27th on 40-6m with 100W on CW. There will be no paper cards - QSL via LoTW, eQSL.

-[DXNL # 2406 May 15, 2024] (0517-0531)

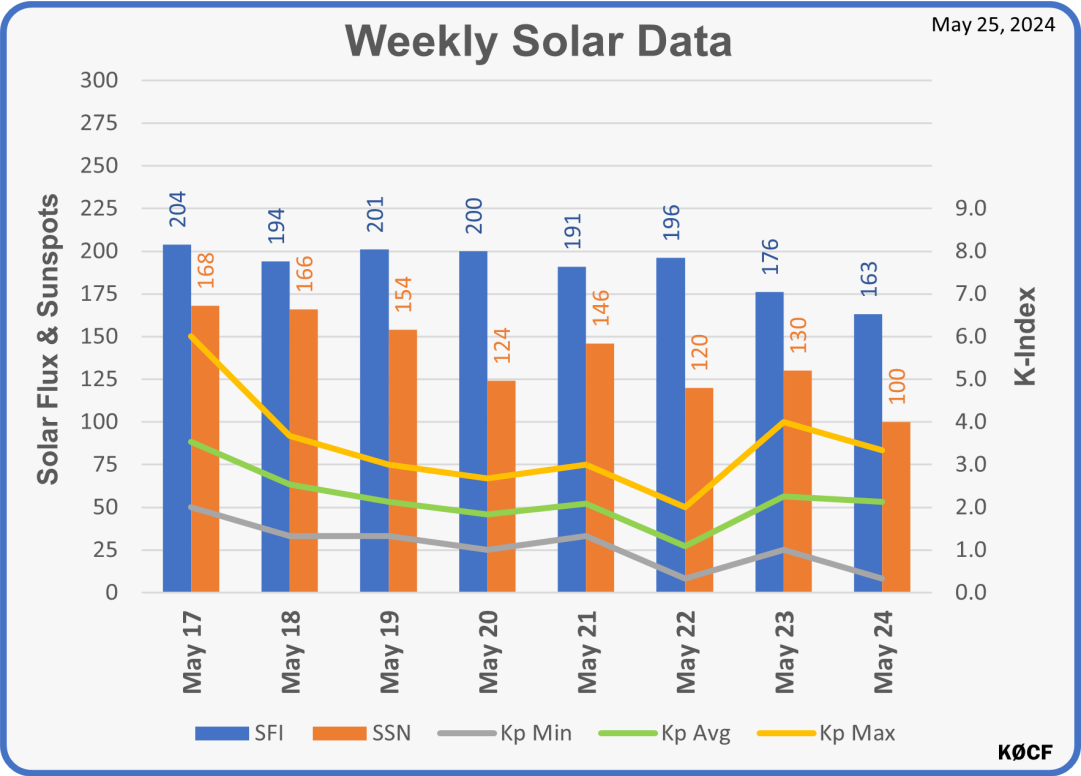
ZL, NEW ZEALAND. Members of the Gisborne Branch of the New Zealand Association of Radio Transmitters are QRV with special event call **ZL1ØØAC** during May to commemorate the first trans-Pacific contact with Carlos Braggio, CB8, near Buenos Aires, Argentina. QSL via operators' instructions.

-[ARRL DX Bulletin # 19 May 9, 2024] (0510-0531)

ZL, NEW ZEALAND. Special event station **ZL6WG** remains active until May 31st supporting the 98th NZART conference (June 1st-2nd) at the Museum of Aeronautics in Christchurch. An award is also available. QSL only via LoTW.

-[DXNL # 2403 April 24, 2024] (0426-0531)

Propagation (Updated daily)



The Weekly Solar Data chart plots Solar Flux Index (SFI), Sunspot number (SSN) and Planetary K-Index (Kp) for the past 8 days. With 8 Planetary K-index readings each day, only the minimum, average and maximum K-index values are plotted. **Note:** You may click [here](#) or on the chart above to see the same data for the past month.

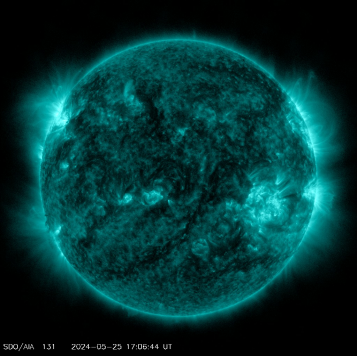
The Daily Solar Flux Index, Sunspot number, Planetary K-index, Solar Flux predictions and Solar Flare data used in this bulletin have been collected by KØCF from the U.S. Department of Commerce's NOAA Space Weather Prediction Center.

The propagation graphs above are the creations of KØCF and are unique in space weather reporting.

Please Note: The graphs are high resolution .PNG files which you may view in greater detail using your browser's "zoom" feature. Alternatively, right click on the graph and select "Open Image in New Tab" to enlarge it, or "Save Image As..." to save it to your computer for further analysis.

NASA's current view of the Sun at a wave-length of 131 Angstroms. This wavelength shows incredible solar detail.

Click [here](#) or on the image to view as a full screen 48-hour video loop. It is fascinating!



Propagation Summary

For the 8 day period from Friday, May 17th through yesterday, May 24th.

The average solar flux was 189, down 25 points from the previous week, with a weekly high of 204 on Friday, May 17th, followed by a low of 163 on May 24th.

The average sunspot count was 134, down by 48 from last week, peaking at 168 on Friday, May 17th followed by a weekly low of 100 on May 24th.

The Planetary K-index weekly average was 3.5 with a maximum of 6.0 on Friday, May 17th, resulting in moderate geomagnetic storm conditions. Yesterday's K-index maximum was 3.3, producing generally quiet geomagnetic conditions.

Solar flare activity since May 18th has been high with 14 major flares, the largest of which was an M 4.2 event on Thursday, May 23rd.

Propagation Data

Major solar flares, Saturday, May 18th through 1249 UTC, May 25th.

| # | Date | UTC | Mag. |
|----|--------|------|-------|
| 1 | May 24 | 2025 | M 1.4 |
| 2 | May 24 | 0824 | M 1.3 |
| 3 | May 24 | 0706 | M 1.4 |
| 4 | May 23 | 1558 | M 1.0 |
| 5 | May 23 | 1320 | M 2.5 |
| 6 | May 23 | 0429 | M 1.7 |
| 7 | May 23 | 0216 | M 4.2 |
| 8 | May 22 | 1405 | M 1.2 |
| 9 | May 22 | 0404 | M 2.3 |
| 10 | May 22 | 0313 | M 1.5 |
| 11 | May 21 | 1931 | M 1.9 |
| 12 | May 19 | 2159 | M 1.6 |
| 13 | May 19 | 1756 | M 2.5 |
| 14 | May 19 | 1344 | M 1.9 |

(NOAA's graph of recent flare activity: [GOES-X-Ray-Flux](#))

From the NOAA Space Weather Prediction Center, here are the probabilities of major solar flares and the predicted 10.7 cm Solar Flux for the next 3 days. NOAA updates this information daily.

| Date | M-Flares | X-Flares | Solar Flux |
|--------|----------|----------|------------|
| May 25 | 60% | 10% | 160 |
| May 26 | 60% | 10% | 150 |
| May 27 | 40% | 5% | 150 |

Looking farther ahead, here is the NOAA Space Weather Prediction Center forecast of 10.7 cm radio flux and maximum Planetary K-index (Kp) for the next 12 days. This data is updated by NOAA every Monday (last updated on May 20, 2024).

| Date | Flux | Kp |
|--------|------|----|
| May 25 | 185 | 3 |
| May 26 | 195 | 2 |
| May 27 | 200 | 4 |
| May 28 | 210 | 3 |

| Date | Flux | Kp |
|--------|------|----|
| May 29 | 210 | 2 |
| May 30 | 215 | 2 |
| May 31 | 225 | 3 |
| Jun 1 | 225 | 4 |

| Date | Flux | Kp |
|-------|------|----|
| Jun 2 | 225 | 4 |
| Jun 3 | 220 | 3 |
| Jun 4 | 220 | 2 |
| Jun 5 | 210 | 2 |

Highs for Cycle 25

Solar Flux: 234 on January 15, 2023.
Sunspots: 283 on April 21, 2024.

Popular Propagation web sites

<https://prop.kc2g.com/> (Excellent Maximum Usable Frequency map)
NOAA <https://www.swpc.noaa.gov/>
<https://www.spaceweather.com/>
<https://www.solarham.com/>
<https://dx.gsl.net/propagation/>

A Propagation Tutorial

The solar X-ray flux tracks solar activity and solar flares. Solar flux, which can vary from as low as 50 to as high as 300, influences the level of ionization in the F2 region of the ionosphere, providing a very good prediction of HF DX conditions. The higher the solar flux, the better conditions will be for the higher HF frequencies and even 6 meters. However, the levels need to be maintained for some days to allow ionization in the F2 layer to build up. A solar flux of 150 results in good HF band conditions, while levels of 200 and up can provide great conditions.

Large X-ray flares on the sun can increase the ionization of the D layer of the ionosphere (a lower layer) on the sunlit side of the Earth, greatly attenuating or blocking HF radio transmissions for up to a half hour. Solar flares often produce Coronal Mass Ejections (CMEs) which, if Earth directed, can lead to geomagnetic storms. Some large flares are also accompanied by strong radio bursts that may interfere with other radio frequencies and cause problems for satellite communication and radio navigation (GPS).

The Planetary K-index is a measure of the magnitude of geomagnetic storms and is an excellent indicator of disturbances in the Earth's magnetic field. A level of 1 or 2 represents quiet geomagnetic conditions; a reading of 3 or 4 may cause some propagation deterioration; 5 and 6 are minor to moderate geomagnetic storms; and 7 to 9 are strong, severe, and extreme storm conditions. Strong geomagnetic storms can trigger Auroral displays and cause HF radio blackouts. Higher geomagnetic activity also has the adverse effect of lowering maximum usable frequencies, much like lower solar flux does.

For best conditions, the solar flux should be above 150 for a few days with the K index below 2. When these conditions are met, some good DX is likely!
-[Compiled from information on NOAA.gov and other sources]

Contest Calendar

Weekly Contests

| Contest | Start UTC | | End | Web Site |
|------------------------|-----------|-------|-------|-----------------------|
| K1USN Slow Speed Test | Monday | 0000Z | 0100Z | Rules |
| ICWC Medium Speed Test | Monday | 1300Z | 1400Z | Rules |
| | Monday | 1900Z | 2000Z | |
| | Tuesday | 0300Z | 0400Z | |
| CWops Test (CWT) | Wednesday | 1300Z | 1400Z | Rules |
| | Wednesday | 1900Z | 2000Z | |
| | Thursday | 0300Z | 0400Z | |
| | Thursday | 0700Z | 0800Z | |

| | | | | |
|---------------------|--------|-------|-------|-----------------------|
| Weekly RTTY Test | Friday | 0145Z | 0215Z | Rules |
| NCCC CW Sprint (NS) | Friday | 0230Z | 0300Z | Rules |

Note: Start Days are in UTC, e.g. Monday at 0000 UTC is Sunday at 7:00 PM in the Central Daylight Saving Time zone, or Sunday at 6:00 PM in the Central Standard Time zone.

Full Calendar

| Contest | Start | | End | | Web Site |
|--------------------------------------|--------|-------|--------|-------|-----------------------|
| CQ WW WPX Contest, CW | May 25 | 0000Z | May 26 | 2400Z | Rules |
| Kentucky QSO Party | Jun 1 | 1300Z | Jun 2 | 0100Z | Rules |
| ARRL Inter. Digital Contest | Jun 1 | 1800Z | Jun 2 | 2400Z | Rules |
| ARRL June VHF Contest | Jun 8 | 1800Z | Jun 10 | 0300Z | Rules |
| Stew Perry Topband Challenge | Jun 15 | 1500Z | Jun 16 | 1500Z | Rules |
| West Virginia QSO Party | Jun 15 | 1600Z | Jun 16 | 0400Z | Rules |
| ARRL Kids Day | Jun 15 | 1800Z | Jun 15 | 2359Z | Rules |
| His Maj. King of Spain Contest, SSB | Jun 22 | 1200Z | Jun 23 | 1200Z | Rules |
| Ukrainian DX DIGI Contest | Jun 22 | 1200Z | Jun 23 | 1200Z | Rules |
| ARRL Field Day | Jun 22 | 1800Z | Jun 23 | 2100Z | Rules |
| RAC Canada Day Contest | Jul 1 | 0000Z | Jul 1 | 2359Z | Rules |
| IARU HF World Championship | Jul 13 | 1200Z | Jul 14 | 1200Z | Rules |
| CQ Worldwide VHF Contest | Jul 20 | 1800Z | Jul 21 | 2100Z | Rules |
| North American QSO Party, RTTY | Jul 20 | 1800Z | Jul 21 | 0559Z | Rules |
| RSGB IOTA Contest | Jul 27 | 1200Z | Jul 28 | 1200Z | Rules |
| Alabama QSO Party | Jul 27 | 1500Z | Jul 28 | 0300Z | Rules |
| 10-10 Int. Summer Contest, SSB | Aug 3 | 0001Z | Aug 4 | 2359Z | Rules |
| North American QSO Party, CW | Aug 3 | 1800Z | Aug 4 | 0600Z | Rules |
| WAE DX Contest, CW | Aug 10 | 0000Z | Aug 11 | 2359Z | Rules |
| Maryland-DC QSO Party | Aug 10 | 1400Z | Aug 11 | 0400Z | Rules |
| North American QSO Party, SSB | Aug 17 | 1800Z | Aug 18 | 0600Z | Rules |
| ARRL Rookie Roundup, RTTY | Aug 18 | 1800Z | Aug 18 | 2359Z | Rules |
| Hawaii QSO Party | Aug 24 | 0400Z | Aug 26 | 0400Z | Rules |
| World Wide Digi DX Contest | Aug 24 | 1200Z | Aug 25 | 1200Z | Rules |
| YO DX HF Contest | Aug 24 | 1200Z | Aug 25 | 1200Z | Rules |
| Kansas QSO Party | Aug 24 | 1400Z | Aug 25 | 2000Z | Rules |
| Ohio QSO Party | Aug 24 | 1600Z | Aug 25 | 0400Z | Rules |

-[Contest data courtesy of the [WA7BNM Contest Calendar](#)]